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Attorney Docket No.: SHI 19.251 (310010-00106)IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor : Ralph C. LONGSWORTH  
Serial No. : 10/500,786  
Filed : July 2, 2004  
Title : **PULSE TUBE COOLING BY CIRCULATION OF  
BUFFER GAS**  
Examiner : William Charles Doerrler  
Group Art Unit : 3744  
Confirmation No. : 8458

April 10, 2007

Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

AMENDMENT

Applicant hereby petitions for a one-month extension of time, a petition pursuant to 37 C.F.R. 1.136(a) and authorization to charge the requisite fee being enclosed.

Responsive to the outstanding Office Action mailed January 9, 2007, in the above-identified application, applicant respectfully requests that the claims be reconsidered in light of the following remarks.